



United States Department of Agriculture  
National Agricultural Statistics Service

# 2012 Census of Agriculture Data Release

Wisconsin Department of Agriculture, Trade, and Consumer  
Protection Board Briefing

May 14, 2014

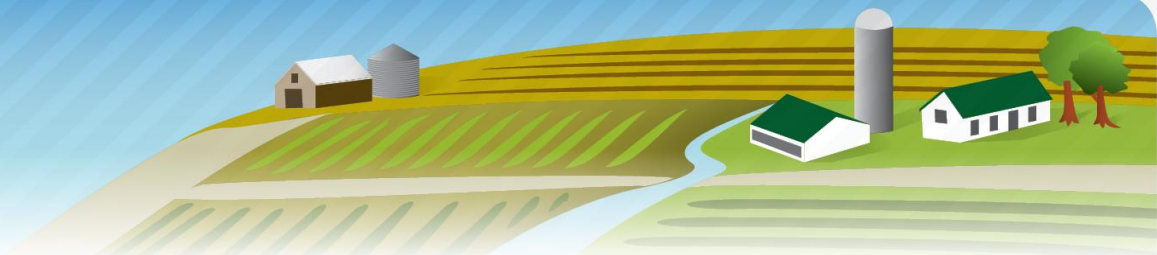
Greg Bussler – State Statistician  
Upper Midwest Region – WI Field Office



# CENSUS OF AGRICULTURE

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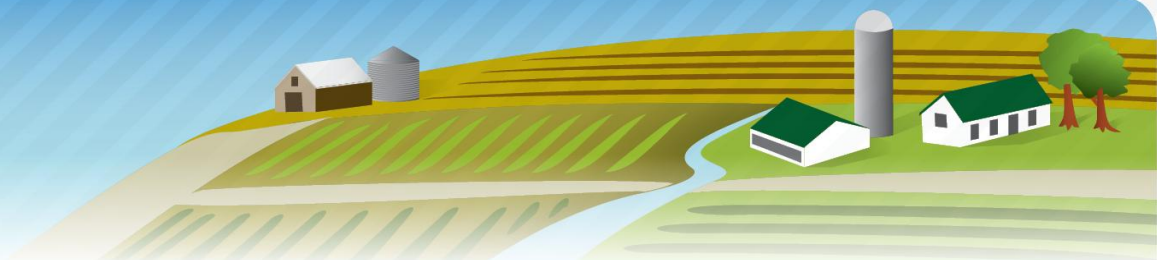
- A complete count, taken every five years, of America's farms and ranches and the people who operate them.
- Approximately 600 pages of data are Volume 1: Wisconsin State and County Data release.



# Today's Briefing

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- Land
- Land in Farms
- Selected Characteristics of Farms by North American Industry Classification System (NAICS)
- Selected Operator Characteristics for Principal, Second, and Third Operator
- Renewable Energy
- Internet Access

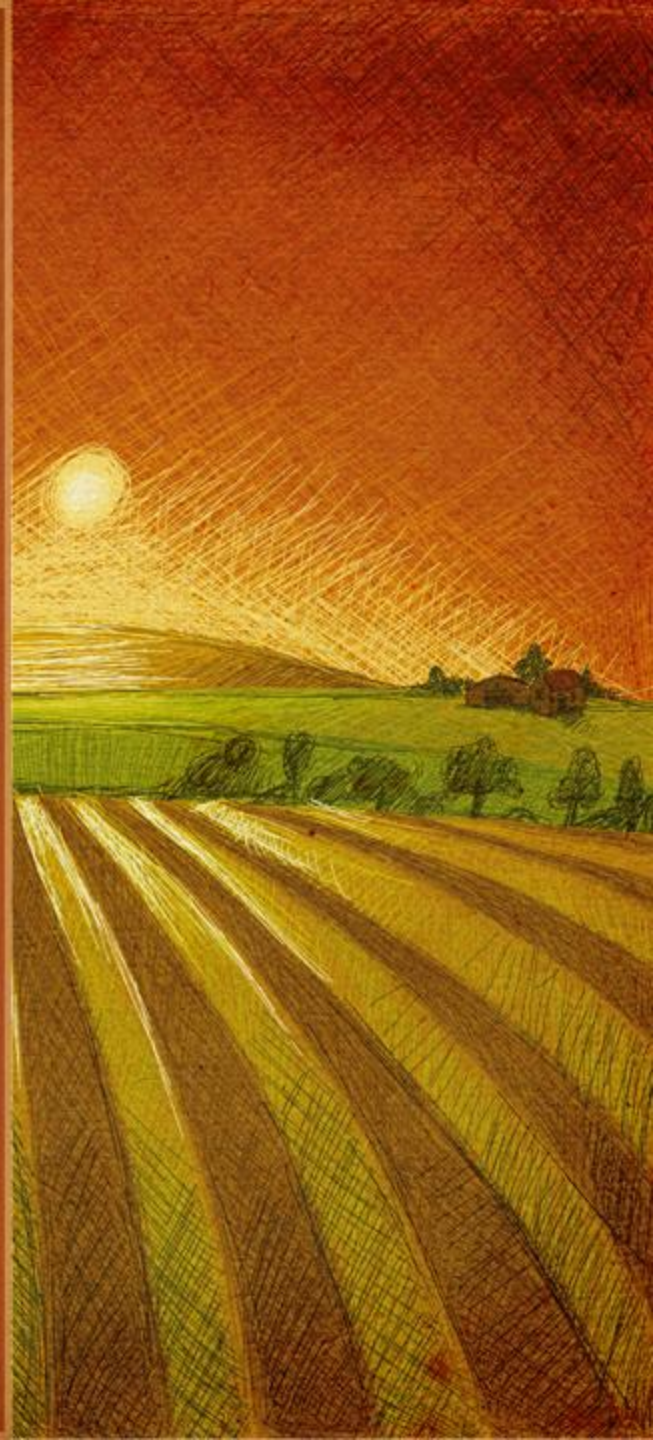




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# FARM NUMBERS

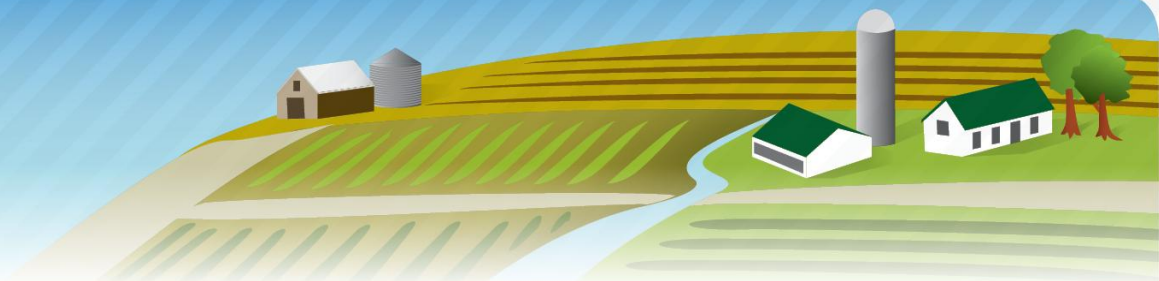
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# "FARM" DEFINED

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- Any place from which \$1,000 of agricultural products were produced and sold, or normally would have been sold, during the Census year.
- This definition is unchanged since 1974.

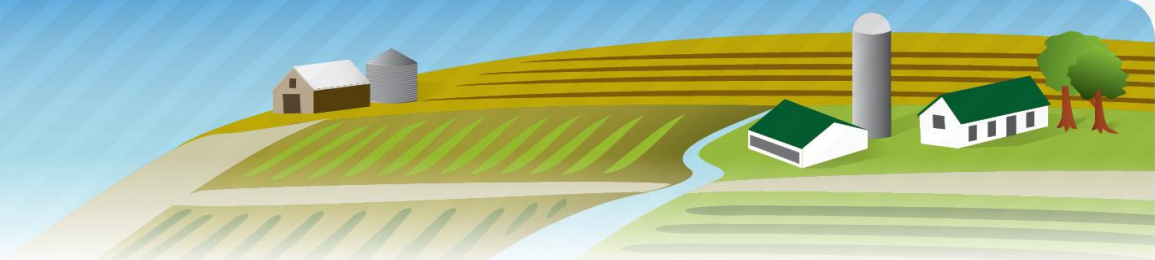


# WISCONSIN FARMS BY NORTH AMERICAN CLASSIFICATION SYSTEM (NAICS) \*

## Crop Production

	<u>2012</u>	<u>2007</u>	<u>% Change</u>
Total Number of Farms:	69,754	78,463	- 11
Oilseed and grain farming . . .	19,730	13,508	+ 46
Vegetable and melon farming .	1,318	1,645	- 20
Fruit and tree nut farming . . .	1,264	1,320	- 4
Greenhouse, nursery, & floriculture production . . . . .	1,754	2,147	- 18
Other Crop Farming . . . . .	15,719	22,081	- 29

\* Volume 1 – Table 51

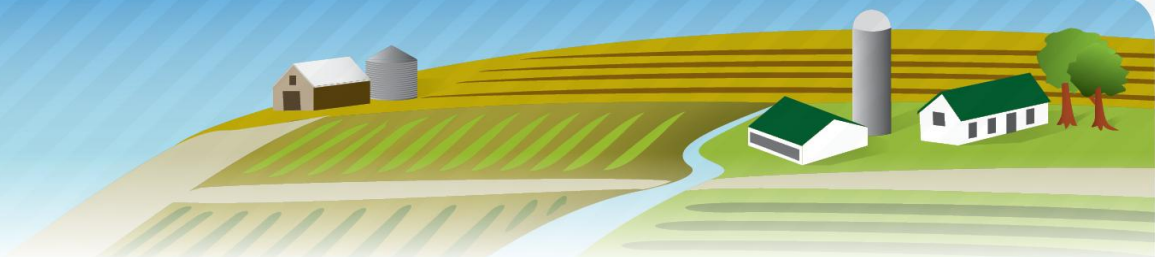


# WISCONSIN FARMS BY NORTH AMERICAN CLASSIFICATION SYSTEM (NAICS) \*

## Animal Production

	<u>2012</u>	<u>2007</u>	<u>% Change</u>
Total Number of Farms:	69,754	78,463	- 11
Cattle farming . . . . .	21,534	27,159	- 21
Hog and pig farming . . . . .	475	989	- 52
Poultry and egg production . . .	1,591	2,297	- 31
Sheep and goat farming . . . . .	1,555	1,501	+ 4
Aquaculture . . . . .	121	125	- 3
Other animal production . . . . .	4,693	5,691	- 18

\* Volume 1 – Table 51



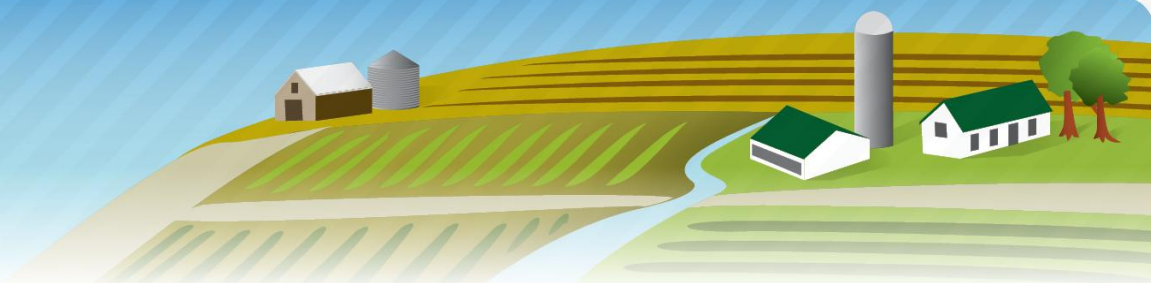


# WISCONSIN CONSERVATION AND CROP INSURANCE HIGHLIGHTS \*

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	<u>2012</u>	<u>2007</u>	<u>% Change</u>
Land in Conservation Programs			
(Farms):	11,555	18,105	- 36
(Acres):	351,457	654,486	- 46
Land in Crop Insurance Programs			
(Farms):	14,652	14,553	+ 1
(Acres):	4,945,810	4,267,668	+ 16

\*Volume 1 – Table 8



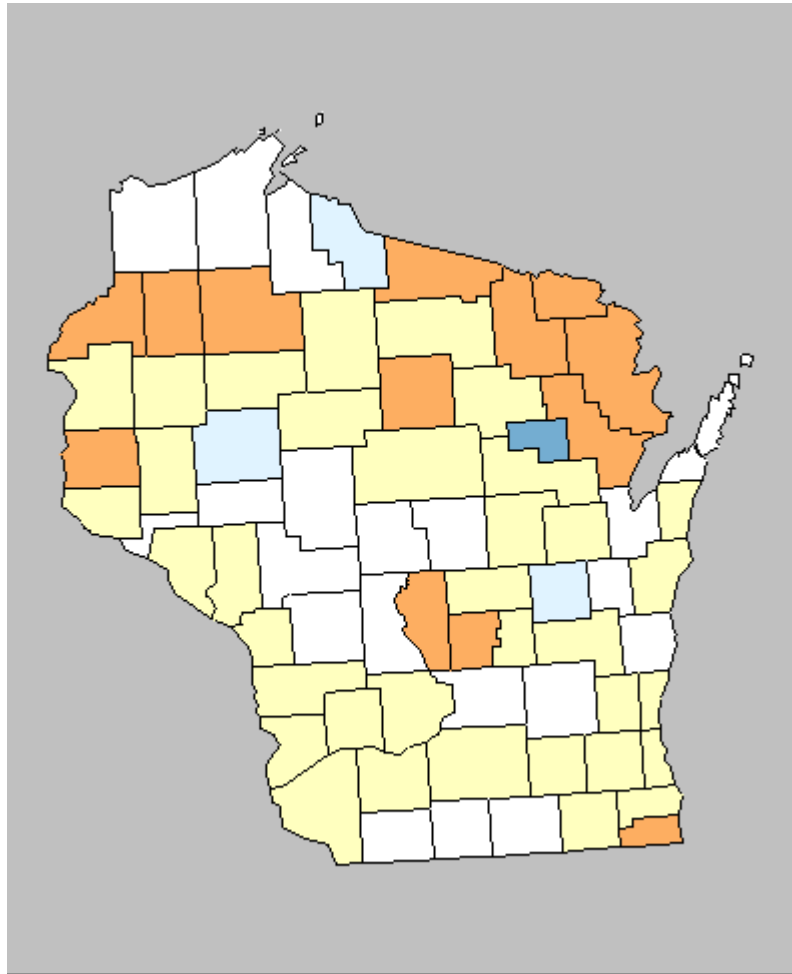


# WISCONSIN LAND IN FARMS HIGHLIGHTS \*

	Farms		
	<u>2012</u>	<u>2007</u>	<u>% Change</u>
Number of farms . . . . .	69,754	78,463	- 11
Farms by size			
1 to 9 acres . . . . .	4,603	4,861	- 5
10 to 49 acres . . . . .	17,825	19,895	- 10
50 to 69 acres . . . . .	5,154	6,018	- 14
70 to 99 acres . . . . .	7,879	9,291	- 15
100 to 139 acres . . . . .	7,208	8,347	- 14
140 to 179 acres . . . . .	5,261	6,109	- 14
180 to 219 acres . . . . .	4,132	4,498	- 8
220 to 259 acres . . . . .	3,026	3,674	- 18
260 to 499 acres . . . . .	8,530	9,665	- 12
500 to 999 acres . . . . .	3,885	4,149	- 6
1,000 to 1,999 acres . . .	1,580	1,399	13
2,000 to 4,999 acres . . .	597	505	18
5,000 acres or more . . .	74	52	42

\*Volume 1– Table 9

# CHANGE IN NUMBER OF FARMS BY COUNTY\*



Less than -20%

	<u>% Change</u>		<u>%Change</u>
- Vilas	- 34	- Burnett	- 24
- Marinette	- 28	- Adams	- 23
- Washburn	- 27	- Kenosha	- 22
- Forest	- 27	- Lincoln	- 22
- Sawyer	- 26	- Florence	- 22
- Oconto	- 25	- St. Croix	- 22
- Marquette	- 24		

% Change Legend: Less than -20%

-20 to -10%

-10 to +10%

10 to 20%

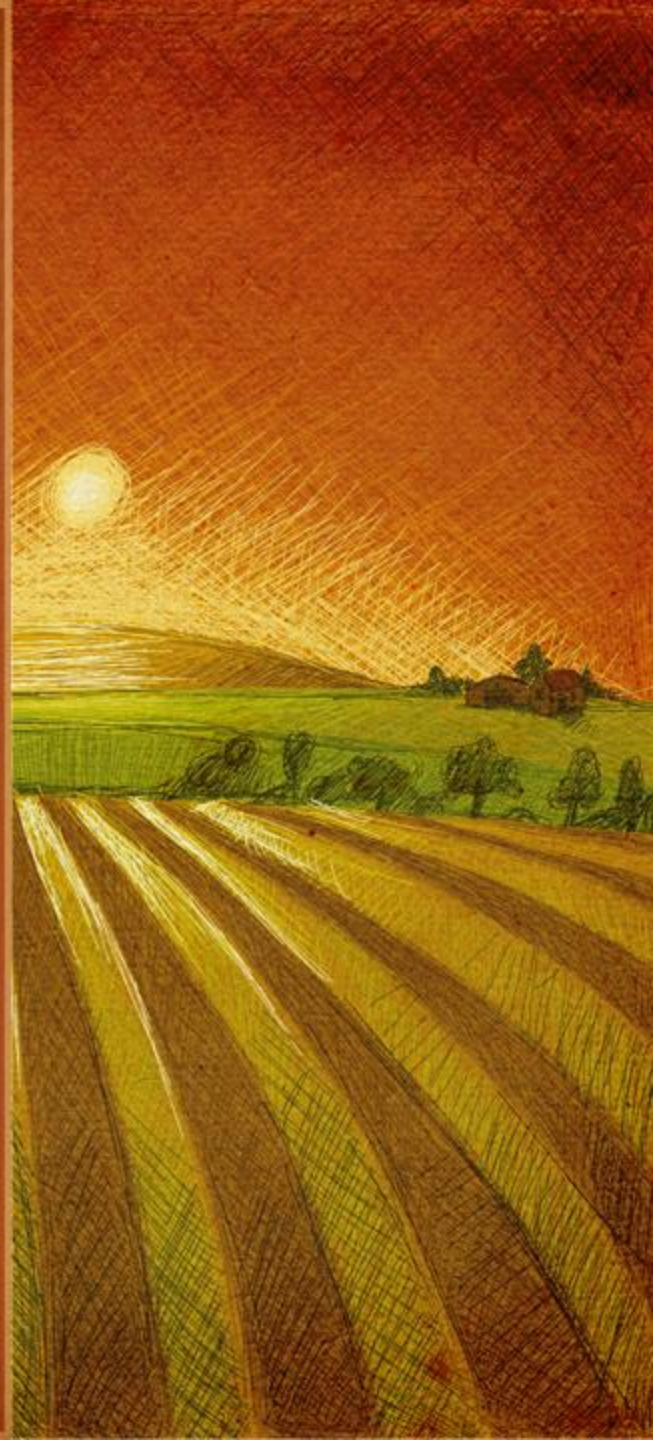
Greater than 20%

\* Volume 1 – Table 1 County Summary Highlights

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# LAND IN FARMS

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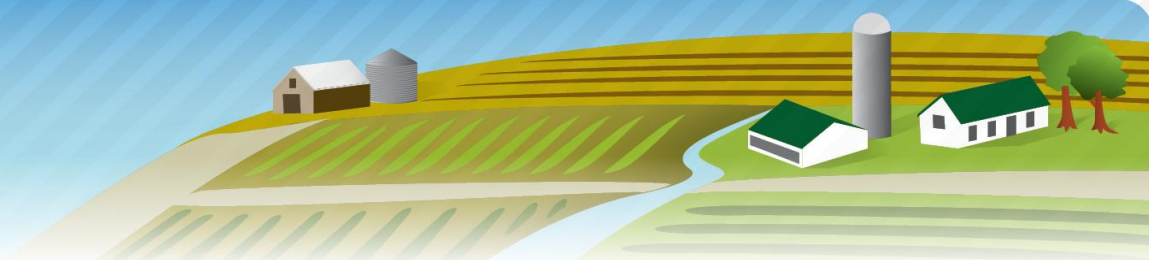


# WISCONSIN LAND IN FARMS BREAKDOWN \*

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	<u>2012</u>	<u>2007</u>	<u>% Change</u>
Number of Farms:	69,754	78,463	- 11
Land in Farms (Acres):	14,568,926	15,190,804	- 4
Total Cropland (Acres):	9,910,991	10,116,279	- 2
Total Woodland (Acres):	2,526,754	2,920,214	- 13
Pasture (Acres):	1,034,738	1,065,814	- 3
Farmstead & Waste (Acres):	1,096,443	1,088,497	+ 1

\* Volume 1 – Table 8



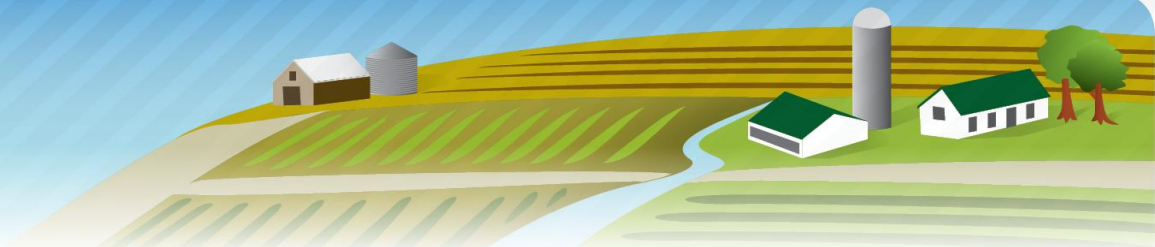


# WISCONSIN CROPLAND HIGHLIGHTS \*

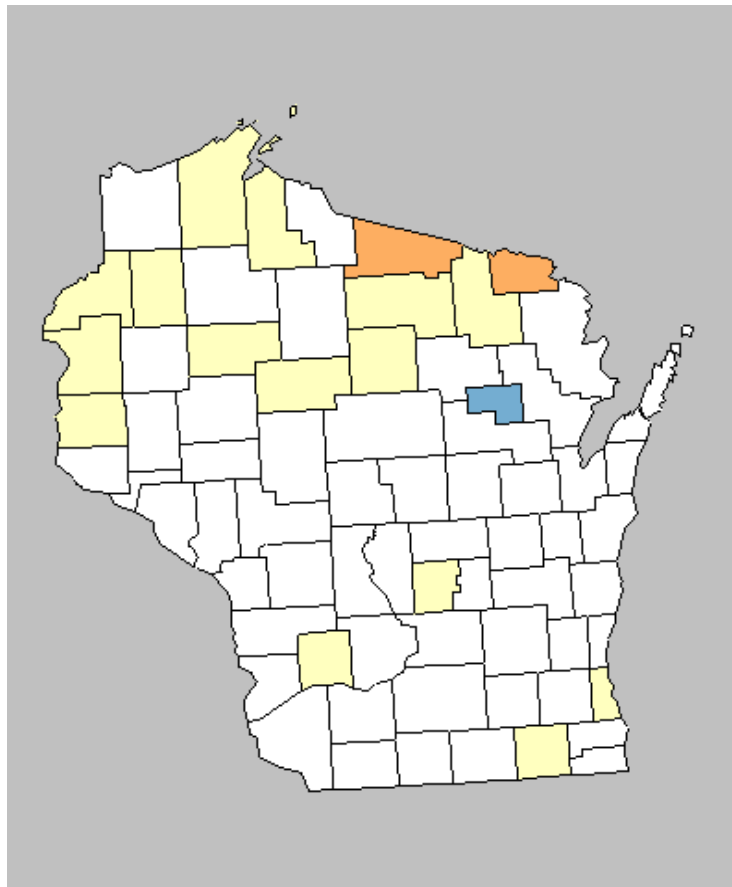
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	<u>2012</u>	<u>2007</u>	<u>% Change</u>
Total Cropland (Acres):	9,910,991	10,116,279	- 2
*Harvested Cropland (Acres):	9,149,273	8,884,628	+ 3
*Cropland Pasture (Acres):	162,095	391,728	- 59
*Idle Cropland (Acres):	523,107	761,695	- 31
*Failed Cropland (Acres):	65,303	60,829	+ 7
*Summer Fallow (Acres):	11,213	17,399	- 36

\* Volume 1 – Table 8



# CHANGE OF LAND IN FARMS BY COUNTY\*



Less than -20%

## % Change

- Florence - 34
- Vilas - 31

-20 to -10%

## % Change

- |                  |                  |
|------------------|------------------|
| - Bayfield - 20  | - Marquette - 12 |
| - Ashland - 17   | - Polk - 12      |
| - Rusk - 17      | - Lincoln - 11   |
| - Milwaukee - 16 | - Oneida - 11    |
| - Washburn - 14  | - Taylor - 11    |
| - Walworth - 14  | - Forest - 10    |
| - St. Croix - 13 | - Richland - 10  |
| - Burnett - 13   |                  |

## %Change

% Change Legend: Less than -20%

-20 to -10%

-10 to +10%

10 to 20%

Greater than 20%

\* Volume 1 – Table 1 County Summary Highlights

# WISCONSIN LAND IN FARMS HIGHLIGHTS \*

	Land in farms (acres)		
	<u>2012</u>	<u>2007</u>	<u>% Change</u>
Land in farms . . . . .	14,568,926	15,190,804	- 4
Land in farms by size			
1 to 9 acres . . . . .	21,994	23,591	- 7
10 to 49 acres . . . . .	499,973	566,800	- 12
50 to 69 acres . . . . .	301,445	352,564	- 14
70 to 99 acres . . . . .	647,550	762,225	- 15
100 to 139 acres . . . . .	844,211	977,487	- 14
140 to 179 acres . . . . .	828,746	960,990	- 14
180 to 219 acres . . . . .	816,094	887,970	- 8
220 to 259 acres . . . . .	718,355	872,734	- 18
260 to 499 acres . . . . .	3,004,996	3,392,335	- 11
500 to 999 acres . . . . .	2,621,390	2,802,061	- 6
1,000 to 1,999 acres . . .	2,098,495	1,835,105	14
2,000 to 4,999 acres . . .	1,671,672	1,416,347	18
5,000 acres or more . . .	494,005	340,595	45

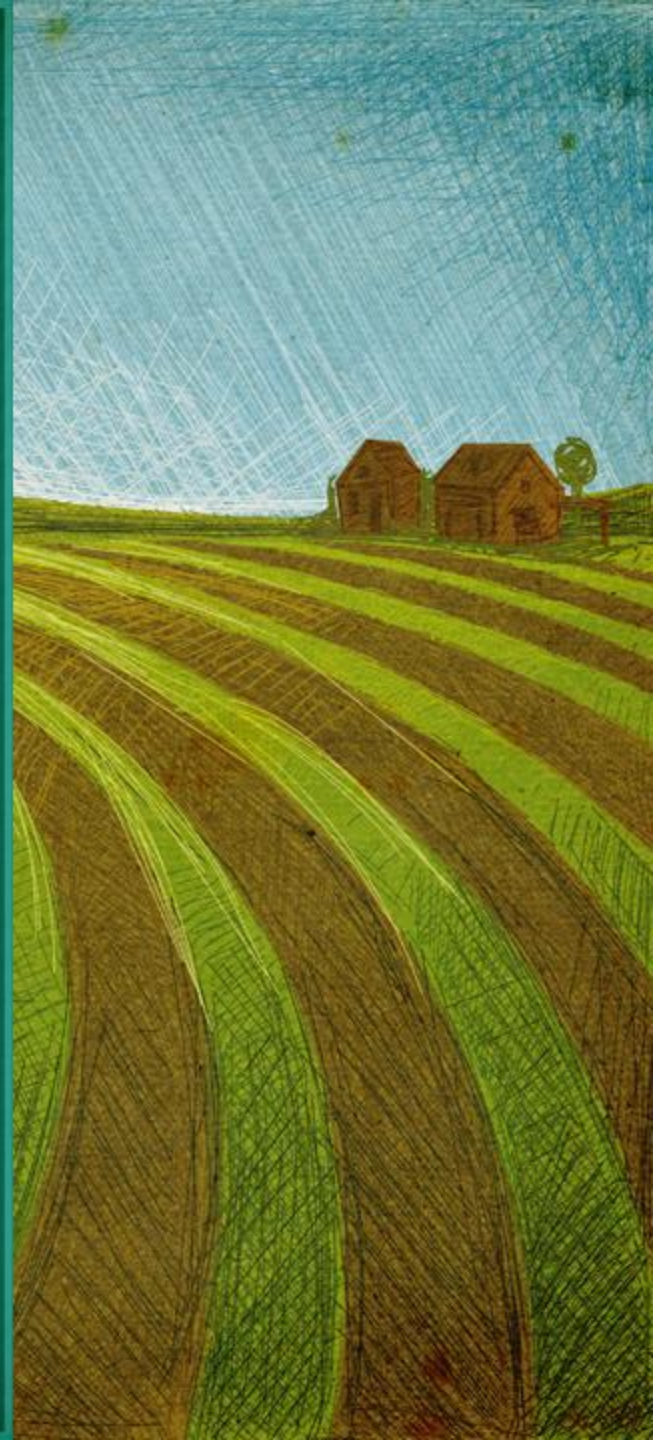
\*Volume 1 – Table 9

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# ECONOMICS BY FARM TYPE

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- Market value of agricultural products sold represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 2012 regardless of who received the payment.



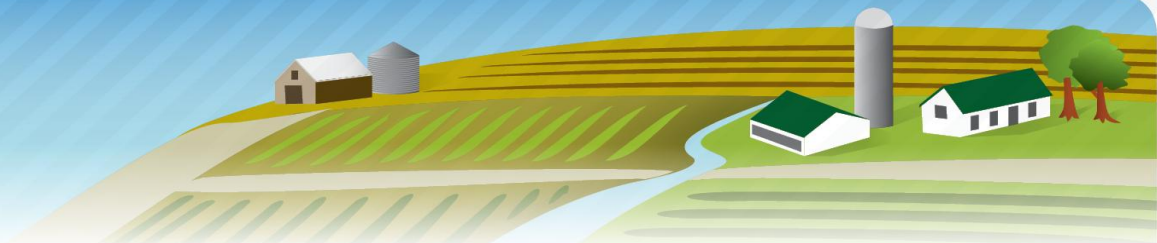


# WISCONSIN HIGHLIGHTS\*

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	<u>2012</u>	<u>2007</u>	<u>% Change</u>
Farms by economic class			
Less than \$50,000 . . . . .	46,229	56,419	- 18
\$50,000 to \$249,999 . . . . .	13,866	13,947	- 1
\$250,000 to \$999,999 . . . . .	7,439	6,604	13
\$1,000,000 or more . . . . .	2,220	1,493	49

\*Volume 1 – Table 2



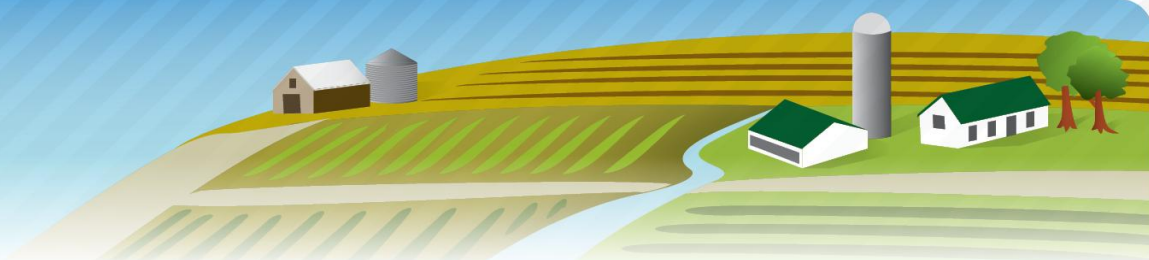
# MARKET VALUE OF AG PRODUCTS SOLD BY NORTH AMERICAN CLASSIFICATION SYSTEM (NAICS) \*

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## Crop Production

	<u>Oilseed &amp; grain</u>	<u>Vegetable &amp; melon</u>
	<u>% Change</u>	<u>% Change</u>
Less than \$50,000 . . . .	25	- 22
\$50,000 to \$249,999 . .	75	- 14
\$250,000 to \$999,999 .	74	- 22
\$1,000,000 or more . . .	312	- 5

\* Volume 1 – Table 68

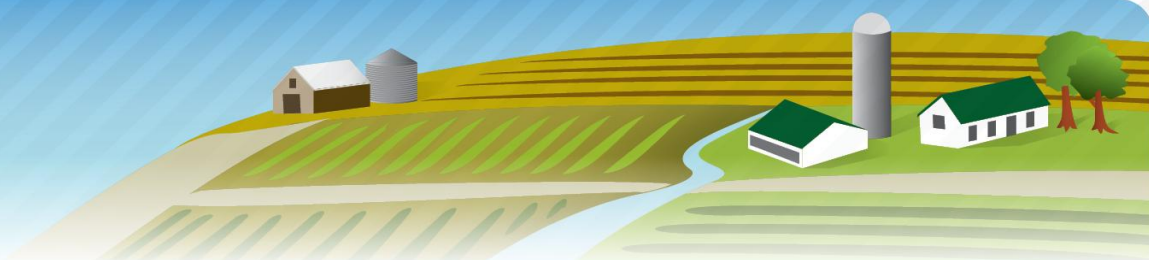


# MARKET VALUE OF AG PRODUCTS SOLD BY NORTH AMERICAN CLASSIFICATION SYSTEM (NAICS) \*

## Crop Production

	<u>Fruit &amp; tree nut</u>	<u>Greenhouse &amp; nursery</u>
	<u>% Change</u>	<u>% Change</u>
Less than \$50,000 . . . .	1	- 17
\$50,000 to \$249,999 . .	- 49	- 16
\$250,000 to \$999,999 .	- 29	- 36
\$1,000,000 or more . . .	6	no change

\* Volume 1 – Table 68



# MARKET VALUE OF AG PRODUCTS SOLD BY NORTH AMERICAN CLASSIFICATION SYSTEM (NAICS) \*

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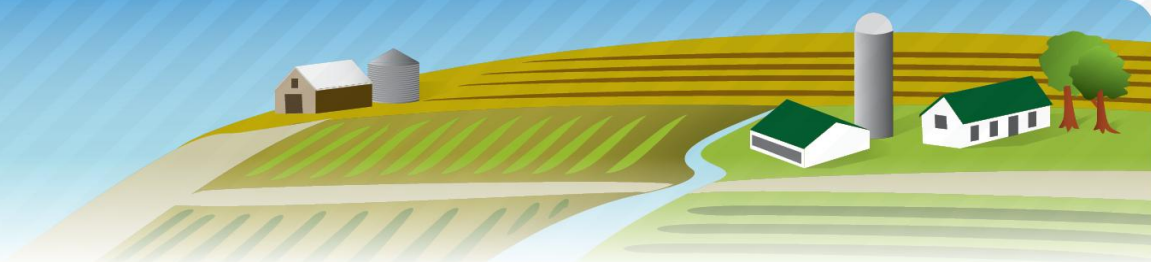
## Crop Production

### Other Crop Farming

#### % Change

Less than \$50,000 . . . . .	- 31
\$50,000 to \$249,999 . . . .	44
\$250,000 to \$999,999 . . .	244
\$1,000,000 or more . . . .	288

\* Volume 1 – Table 68



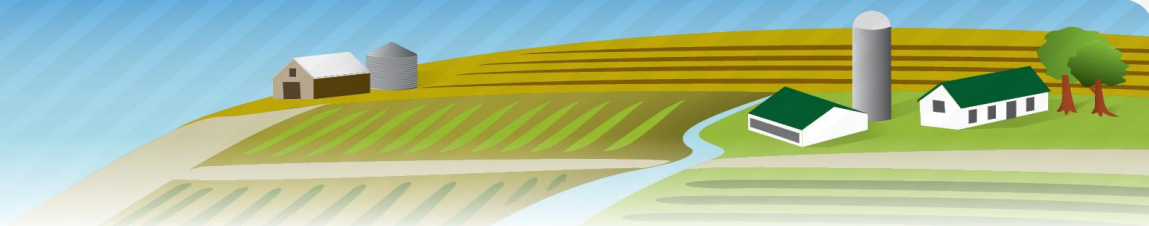


# MARKET VALUE OF AG PRODUCTS SOLD BY NORTH AMERICAN CLASSIFICATION SYSTEM (NAICS) \*

## Animal Production

	<u>Cattle</u>	<u>Hog &amp; Pig</u>
	<u>% Change</u>	<u>% Change</u>
Less than \$50,000 . . . .	- 24	- 52
\$50,000 to \$249,999 . .	- 33	- 69
\$250,000 to \$999,999 .	no change	- 49
\$1,000,000 or more . . .	36	28

\* Volume 1 – Table 68

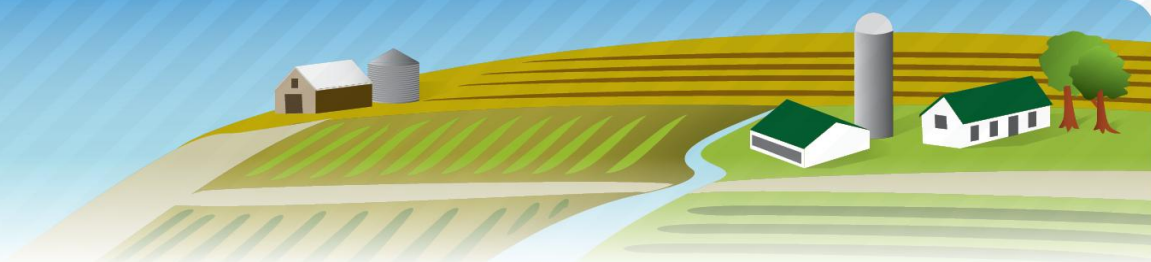


# MARKET VALUE OF AG PRODUCTS SOLD BY NORTH AMERICAN CLASSIFICATION SYSTEM (NAICS) \*

## Animal Production

	<u>Poultry &amp; egg</u>	<u>Sheep &amp; goat</u>
	<u>% Change</u>	<u>% Change</u>
Less than \$50,000 . . . .	- 35	no change
\$50,000 to \$249,999 . .	12	52
\$250,000 to \$999,999 .	1	350
\$1,000,000 or more . . .	3	100

\* Volume 1 – Table 68



# MARKET VALUE OF AG PRODUCTS SOLD BY NORTH AMERICAN CLASSIFICATION SYSTEM (NAICS) \*

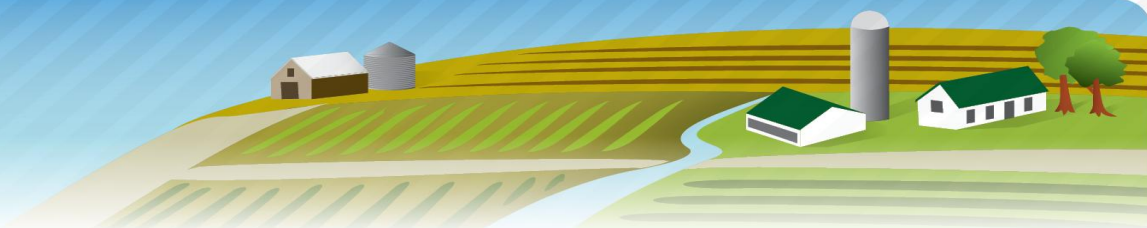
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## Animal Production

### Aquaculture & other animal production

	<u>% Change</u>
Less than \$50,000 . . . . .	- 18
\$50,000 to \$249,999 . . . . .	- 5
\$250,000 to \$999,999 . . . . .	3
\$1,000,000 or more . . . . .	30

\* Volume 1 – Table 68



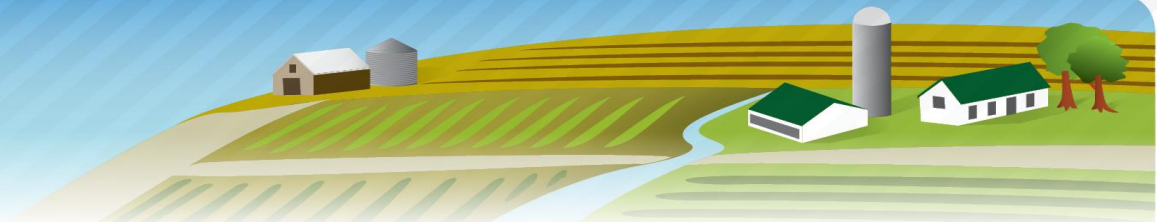
# NET CASH FARM INCOME OF THE OPERATIONS

## Wisconsin:

**\$44,058** average per farm in 2012 compared to \$34,909 average per farm in 2007.

## United States:

**\$43,750** average per farm in 2012 compared to \$33,827 average per farm in 2007.

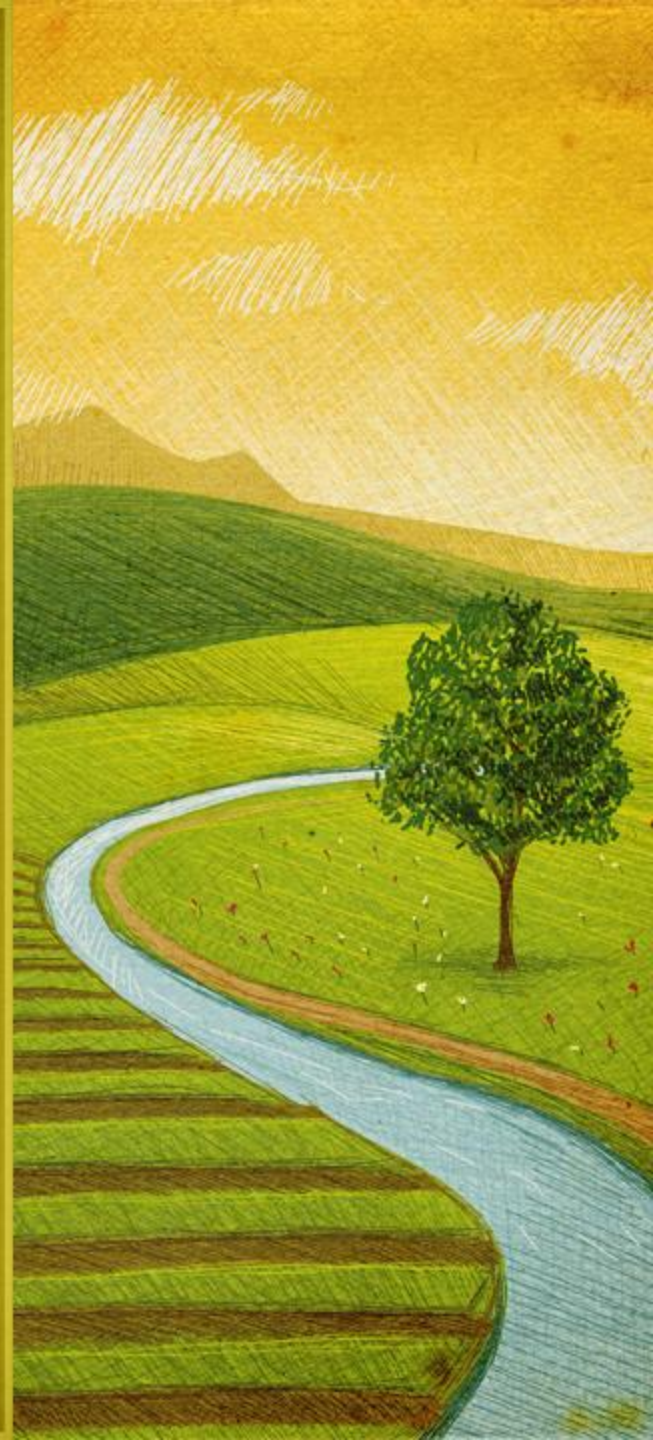




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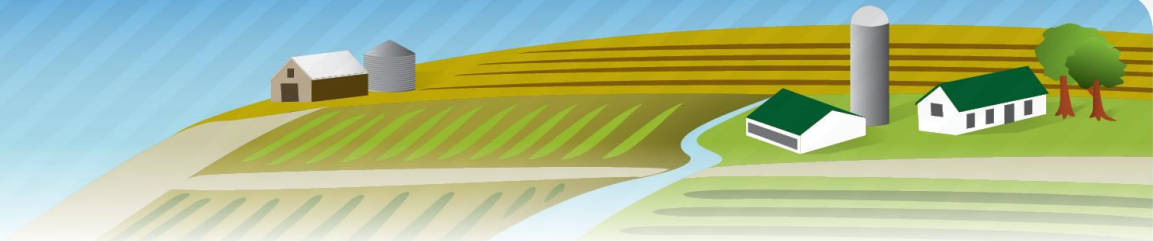
# OPERATOR CHARACTERISTICS

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# DEMOGRAPHICS OF THE PRINCIPAL FARM OPERATOR

- The principal operator is the person primarily responsible for the on-site, day-to-day operation of the farm or ranch business. This person may be a hired manager or business manager.

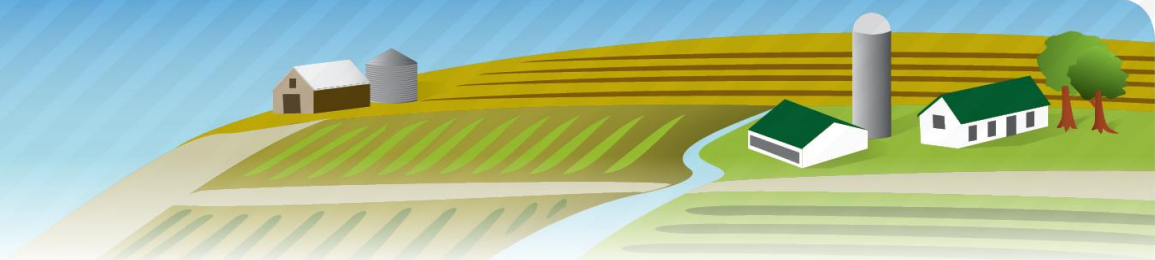


# WISCONSIN OPERATOR CHARACTERISTICS \*

## (AGE) % CHANGE FROM 2007

	<u>All Oper.</u>	<u>Principal Oper.</u>	<u>2<sup>nd</sup> Oper.</u>	<u>3<sup>rd</sup> Oper.</u>
Under 25 years . . .	- 16	- 29	- 12	- 13
25 to 34 years . . . .	- 10	- 13	- 14	16
35 to 44 years . . . .	- 34	- 33	- 34	- 21
45 to 54 years . . . .	- 18	- 21	- 13	- 5
55 to 64 years . . . .	5	3	12	44
65 to 74 years . . . .	7	4	18	11
75 years and over . .	- 2	- 7	22	- 1
2012 Average Age	54.5	56.5	52.2	44.2
2007 Average Age	52.9	55.0	50.0	43.5

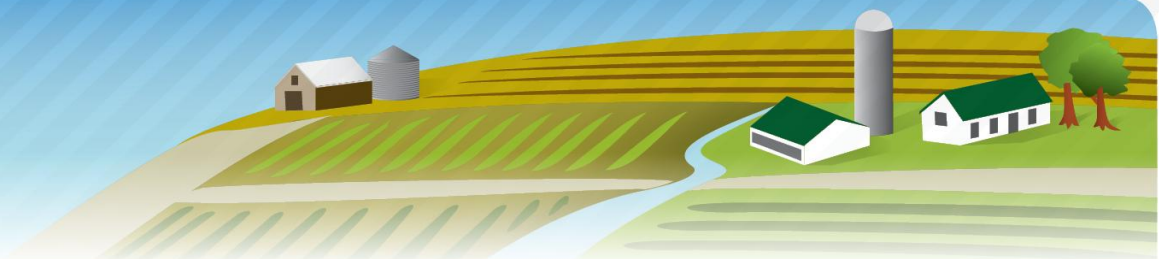
\*Volume 1 – Table 55



# 9,554



The number of Millennial Generation farmers age 34 or younger in the Wisconsin in 2012.



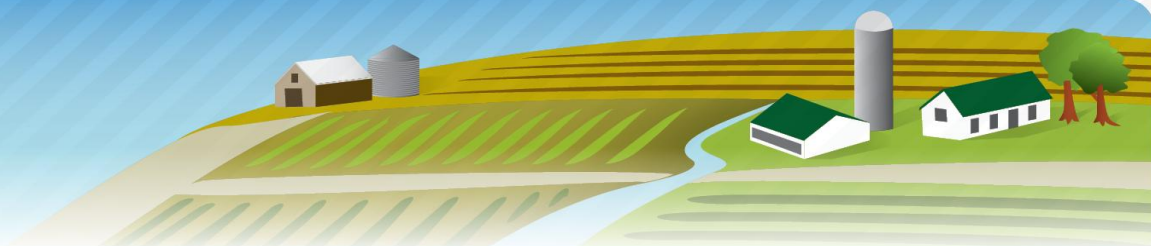


# WISCONSIN OPERATOR CHARACTERISTICS \* (YEARS ON PRESENT FARM) % CHANGE FROM 2007

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	<u>All Oper.</u>	<u>Principal Oper.</u>	<u>2<sup>nd</sup> Oper.</u>	<u>3<sup>rd</sup> Oper.</u>
2 years or less . . . .	- 15	- 16	- 16	- 8
3 or 4 years . . . . .	- 28	- 32	- 27	- 6
5 to 9 years . . . . .	- 27	- 29	- 34	- 10
10 years or more . .	- 4	- 6	- 1	1

\*Volume 1 – Table 55

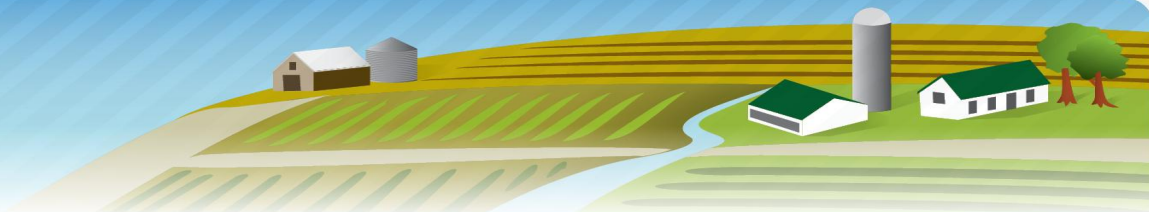


# WISCONSIN OPERATOR CHARACTERISTICS \* (DAYS WORKED OFF FARM) % CHANGE FROM 2007

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	<u>All Oper.</u>	<u>Principal Oper.</u>	<u>2<sup>nd</sup> Oper.</u>	<u>3<sup>rd</sup> Oper.</u>
None . . . . .	- 4	- 5	- 2	- 4
Any . . . . .	- 13	- 15	- 12	- 2

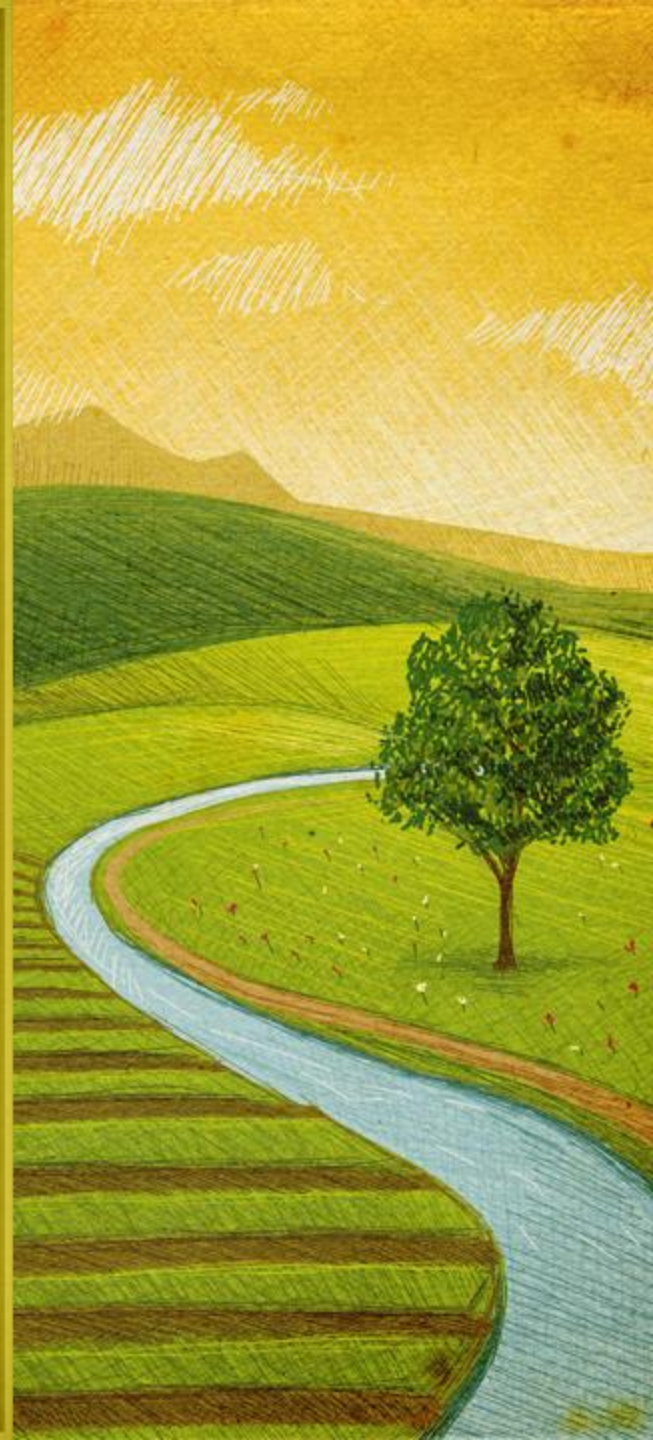
\*Volume 1 – Table 55



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# NEW DATA COLLECTED IN 2012

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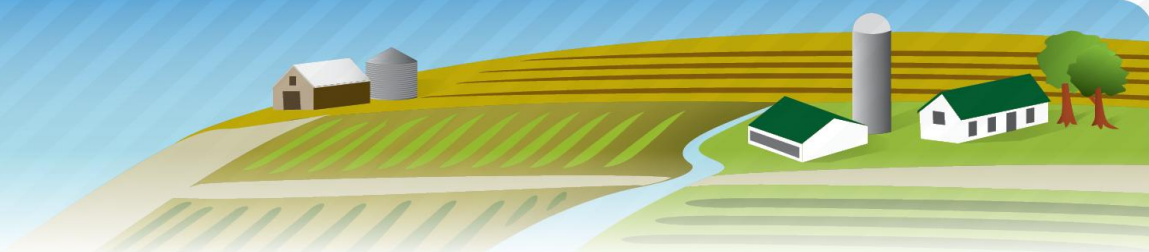


# WISCONSIN ENERGY HIGHLIGHTS\*

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	<u>Farms</u>
Renewable energy producing systems . . . . .	1,592
Solar panels . . . . .	728
Wind turbines . . . . .	264
Methane digesters . . . . .	29
Geoexchange systems . . . . .	520
Small hydro systems . . . . .	14
Biodiesel . . . . .	1
Ethanol . . . . .	-
Other . . . . .	55

\* Volume 1 – Table 52



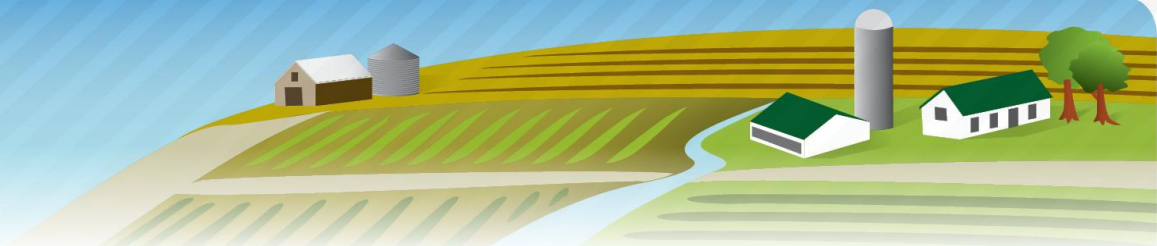


# WISCONSIN INTERNET ACCESS HIGHLIGHTS\*

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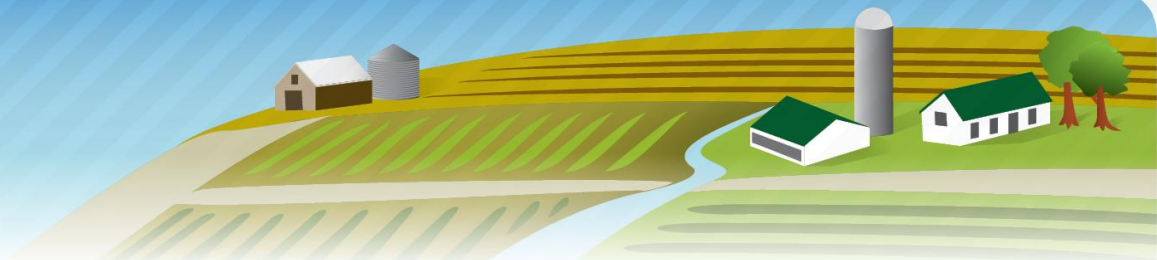
	<u>Farms</u>
Farms with –	
Internet access . . . . .	48,693
Dial-up service . . . . .	5,527
DSL service. . . . .	21,771
Fiber-optic service . . . . .	5,730
Mobile broadband plan for a computer or cell phone . . . . .	8,521
Satellite service . . . . .	8,035
Broadband over Power Lines (BPL) . . . . .	960
Other Internet service . . . . .	1,171

\* Volume 1 – Table 64



# CENSUS DATA

- Census data are available:
  - Online at [www.agcensus.usda.gov](http://www.agcensus.usda.gov)
  - Through your local NASS field office



# THANK YOU

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Thank to the producers who responded to our request for data, making a quality Census Of Agriculture possible and to Wisconsin Department of Agriculture, Trade, and Consumer Protection for support in promoting participation on the Census of Agriculture.

